Index of Claims



Application/Control No.

10/633,762

Examiner

San-ming Hui

Applicant(s)/Patent under Reexamination

HASSAN, FRED

Art Unit

1617

| <b>√</b> | Rejected |
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| II       | Allowed  |

(Through numeral) Cancelled Restricted

Non-Elected N Interference

Appeal Α 0 Objected

|             |          |          |              |  |  |          |  |  |  |          |    |       |          |                 |   | • |          | _            |  | _  |          |   |
|-------------|----------|----------|--------------|--|--|----------|--|--|--|----------|----|-------|----------|-----------------|---|---|----------|--------------|--|--|----------|---|
| Cla         | aim      | Date     |              |  |  |          |  |  | ]  | Claim    |    |       |          | Date            |   |   |          |              |  |  |          |   |
| Final       | Original | 2/19/07  |              |  |  |          |  |  |  |          |    | Final | Original |                 |   |   |          |              |  |  |          |   |
|             | 1        | V        |              |  |  |          |  |  |  |          |    |       | 51       |                 |   |   |          | Ī            |  |  | Г        | Γ |
|             | 2        | 1        |              |  |  |          |  |  |  |          |    |       | 52       |                 |   |   |          |              |  |  |          | Γ |
|             | 3        | Ш        |              |  |  |          |  |  |  |          |    |       | 53       |                 |   |   |          |              |  |  |          | Γ |
|             | 4        | Ц        |              |  |  |          |  |  |  |          |    |       | 54       |                 |   |   |          |              |  |  |          | Γ |
|             | 5        | Ц        | _            |  |  |          |  |  |  |          |    |       | 55       |                 |   |   |          |              |  |  |          |   |
|             | 6        | Ш        | ↓_           | <u> </u>                               | _  |          |  |  |  |          |    |       | 56       |                 |   |   |          | L_           |  | _  |          | L |
| <u> </u>    | 7        | H        | <del> </del> | ــــــــــــــــــــــــــــــــــــــ | ┞  | L        |  |  |  | _        |    |       | 57       |                 |   |   |          | L_           | _  | <u> </u>   | _        | L |
|             | 8        | Ц,       | $\vdash$     | _                                      | $\vdash$   | ⊢        | ├-   | -  |  | <u> </u> |    |       | 58       | $\sqcup$        |   |   |          | <u> </u>     | <u> </u>   | <u> </u>   | <u> </u> | Ļ |
| ŀ-          | 9<br>10  | X        | ╁            |  | -  | ├        | ⊢  | -  | <u> </u>   | ┡        |    |       | 59       | Н               |   |   | -        |              | _  | <u> </u>   |          | ╀ |
|             | 11       | 17       | $\vdash$     | ╁                                      | $\vdash$   | ┢╌       | ├  | -  |  | _        |    |       | 60<br>61 | H               |   |   |          | <del> </del> |  | ├  | -        | ╀ |
|             | 12       | 1        | ╁            | ┼                                      | <del>                                     </del> | ╁        | ┢  | ╁  | -  | -        |    | -     | 62       | $\vdash$        | - | _ | ├─       | ⊢            | -  | -  | H        | ╁ |
|             | 13       | 1        | ╁            | ┼                                      | $\vdash$   | t        |  |  | -  | $\vdash$ |    |       | 63       | $\vdash$        |   | _ | _        | H            | $\vdash$   | $\vdash$   | $\vdash$ | t |
|             | 14       | Ħ        | 1-           | 1                                      |  | t        |  | -  | -  | $\vdash$ |    |       | 64       | $\vdash$        | _ |   | -        |              |  |  | ┢        | t |
|             | 15       | N        |              |  | $\vdash$   | <u> </u> | <u>†                                      </u>   |  |  |          | :  |       | 65       | H               |   |   |          | H            | <del>  -</del>                                   | $\vdash$   | H        | t |
|             | 16       | V        |              | 1                                      |  |          |  |  |  |          | ١. |       | 66       | $\Box$          |   |   |          | F            |  |  |          | T |
|             | 17       | V        |              |  |  |          |  |  |  |          |    |       | 67       | П               |   |   |          |              |  |  |          | Γ |
|             | 18       | Z        |              |  |  |          |  |  |  |          |    |       | 68       |                 |   |   |          |              |  |  |          | Γ |
|             | 19       |          |              |  |  |          |  |  |  |          |    |       | 69       |                 |   |   |          |              |  |  |          | Γ |
|             | 20       | L        | ┖            |  | <u> </u>   | L_       |  |  |  |          |    |       | 70       |                 |   |   |          |              |  |  |          | L |
|             | 21       |          | _            | _                                      | _  | <u> </u> | _  |  |  | <u> </u> |    |       | 71       | Ш               |   |   | _        | _            |  |  |          | L |
|             | 22       | L        | -            | _                                      | _  | _        | L.   | <u> </u>   | _  | <u> </u> |    |       | 72       | $\sqcup$        |   |   |          | <u> </u>     | <u>_</u>   | L  |          | L |
|             | 23       | <u> </u> | ╄            | <u> </u>                               |  | <u> </u> | <u> </u>   |  |  | _        |    |       | 73       | $\sqcup$        |   |   |          |              |  | <u> </u>   |          | Ļ |
| -           | 24<br>25 | ┢        | ╀            | ┢                                      | -  | ⊢        | ├  |  |  | _        | 1  |       | 74       | Н               |   |   |          | H            | ┞  | _  |          | ╀ |
|             | 26       | ⊢        | ╁            | ╁╌                                     | <u> </u>   | H        |  |  | <u> </u>   | -        |    |       | 75<br>76 | $\vdash$        | _ |   |          | H            | $\vdash$   | $\vdash$   |          | ╀ |
| <del></del> | 27       | H        | H            | $\vdash$                               | ├  | ╁        |  | <del> </del>                                     |  |          |    |       | 77       | ┢╾┪             | - | _ |          | -            | -  | ├  |          | ╁ |
|             | 28       | ┢╴       | $\vdash$     | 1                                      | <u> </u>   | $\vdash$ | -  | ┢  |  |          |    |       | 78       | $\vdash$        | - |   |          | H            | ┝  | $\vdash$   | -        | t |
|             | 29       | T        | ╁            | ╁                                      |  |          | $\vdash$   | _  | _  |          |    |       | 79       | H               |   |   |          | $\vdash$     | $\vdash$   | $\vdash$   |          | t |
|             | 30       | ┢        | T            | T                                      |  |          | <del>                                     </del> |  |  |          |    |       | 80       | H               | _ | _ | $\vdash$ | ├-           | -  | _  | _        | t |
|             | 31       | T        | 1            | 1-                                     |  |          |  |  |  |          |    |       | 81       | $\vdash$        |   |   |          | T            |  | H  | -        | t |
|             | 32       |          |              | Г                                      |  |          |  |  |  |          |    |       | 82       | П               |   |   |          | _            |  |  |          | t |
|             | 33       |          |              |  |  |          |  |  |  |          |    |       | 83       |                 |   | _ |          |              |  |  |          | T |
|             | 34       |          |              |  |  |          |  |  |  |          | l  |       | 84       |                 |   |   |          |              |  |  |          | Γ |
|             | 35       | L        |              | _                                      |  | <u></u>  | L  | L  |  |          |    |       | 85       |                 |   |   |          |              |  |  |          | Γ |
|             | 36       | L        | <u> </u>     | <u> </u>                               | <u> </u>   |          |  |  |  |          |    |       | 86       |                 |   | _ |          |              |  |  |          | L |
|             | 37       | L        | ┝-           | -                                      | <u> </u>   | <u> </u> | _  | _  | <u> </u>   | _        |    |       | 87       |                 |   |   |          | _            | _  | _  |          | Ļ |
|             | 38       | ⊢        | ╁            | ├-                                     | <u> </u>   |          | ⊢  | <u> </u>   | <u> </u>   | <u> </u> |    |       | 88       | Н               |   |   | <u> </u> | ļ            |  | <u> </u>   |          | L |
|             | 39       | ├        | ╀            | 1                                      | ├  | ⊢        | <u> </u>   | ļ  | <u> </u>   | _        |    |       | 89       | $\vdash$        |   |   | _        | <u> </u>     | <u> </u>   | <u> </u>   | _        | Ļ |
|             | 40       | ├        | ╁            | ╁                                      | ├-   |          | ⊢  | -  | -  | <u> </u> |    |       | 90<br>91 | $\vdash$        |   |   |          | <u> </u>     |  | <u> </u>   |          | ╀ |
|             | 42       | ├        | ┼╌           | -                                      | <u> </u>   | H        | ┝  | -  | ├-   | ├        |    | _     | 92       | $\vdash$        |   |   |          | ⊢            | _  | _  |          | ⊦ |
| -           | 43       | ├        | +            |  | ╁  | -        | ├-   | -  |  | $\vdash$ |    |       | 93       | $\vdash$        |   |   | -        | -            | -  | ⊢  | -        | ╁ |
|             | 44       | ┢        | +-           | $\vdash$                               | <del> </del>                                     | t        | H  | <del>  -</del>                                   | $\vdash$   | $\vdash$ |    | _     | 94       | $\vdash \vdash$ | - | _ | -        | $\vdash$     | <del> </del>                                     | $\vdash$   | -        | H |
|             | 45       | T        | †-           | 一                                      | $t^-$  |          | $\vdash$   | <del>                                     </del> | <del>                                     </del> | -        |    |       | 95       | $\vdash \vdash$ |   |   |          | $\vdash$     | $\vdash$   | $\vdash$   |          | t |
|             | 46       | T        | 1            | T                                      | t  | <u> </u> | <del>                                     </del> | Г  |  |          |    | -     | 96       | H               | - | _ | -        | _            | <del>                                     </del> | <del>                                     </del> |          | t |
|             | 47       | Г        |              | Π                                      |  |          | 1  | Г  |  |          |    |       | 97       | $\Box$          |   | _ |          |              |  |  | Г        | t |
|             | 48       |          |              | $\Box$                                 |  |          | $\Box$   |  |  |          |    |       | 98       | П               | ┪ | _ | _        | Г            | $\vdash$   |  | Г        | T |
|             | 49       |          |              |  |  |          |  |  |  |          |    |       | 99       |                 |   |   |          |              |  |  |          | Γ |
|             | 50       |          |              |  |  |          |  |  |  |          |    |       | 100      |                 |   |   |          |              |  |  |          | Γ |
|             |          |          |              |  |  |          |  |  |  |          |    |       |          |                 |   |   |          |              |  |  |          | - |

| <u> </u> | -        |              | _            |          |          | -            | <del>-</del> —                      | _            |            | _            |
|----------|----------|--------------|--------------|----------|----------|--------------|-------------------------------------|--------------|------------|--------------|
| Final    | Original |              |              |          |          |              |                                     |              |            |              |
|          | 51       |              |              |          |          |              |                                     |              | Г          |              |
|          | 52       |              |              |          | $\vdash$ | $\vdash$     | $\vdash$                            |              | $\vdash$   |              |
|          | 53       | _            |              |          |          |              | _                                   |              | H          |              |
| -        | 54       |              | _            | H        | H        | -            |                                     |              | $\vdash$   | _            |
| _        | 55       | -            | _            | $\vdash$ |          | H            |                                     |              |            |              |
|          | 56       |              | $\vdash$     | ├-       | $\vdash$ | -            |                                     |              | ┢╌         |              |
| -        | 56<br>57 | -            | ├            | $\vdash$ | $\vdash$ | _            | _                                   | -            | $\vdash$   |              |
| -        | 58       | -            | $\vdash$     | $\vdash$ |          |              | _                                   | _            | -          |              |
| -        | 59       |              | ┢            | ⊢        | $\vdash$ | -            |                                     |              | $\vdash$   |              |
| $\vdash$ | 60       | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$ |              |                                     |              |            |              |
| -        | 61       | H            | ⊢            | $\vdash$ |          | _            |                                     | _            | H          |              |
| $\vdash$ | 62       | $\vdash$     | ┢            | ┝        | -        | $\vdash$     | $\vdash$                            |              | $\vdash$   |              |
| +        | 62<br>63 | $\vdash$     | -            | -        | -        | $\vdash$     | $\vdash$                            |              | $\vdash$   | $\vdash$     |
| -        | 64       | -            | <del> </del> | <u> </u> | $\vdash$ | $\vdash$     | $\vdash$                            |              | ⊢          | <del> </del> |
| -        | 65       | $\vdash$     | $\vdash$     | -        | $\vdash$ | $\vdash$     | ├-                                  | <u> </u>     | $\vdash$   | $\vdash$     |
| -        | 66       | -            | ├            | -        | $\vdash$ | $\vdash$     | $\vdash$                            | $\vdash$     | Н          | $\vdash$     |
| -        | 67       | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$                            | <del> </del> | $\vdash$   | -            |
| _        | 67<br>68 | $\vdash$     | ⊢            | -        | Н        | H            | -                                   | _            | _          | <u> </u>     |
| _        | 69       | $\vdash$     |              |          |          | <u> </u>     | -                                   |              | -          |              |
|          | 70       | <del> </del> | ├-           | -        | $\vdash$ | _            |                                     | _            | _          | _            |
| -        | 70<br>71 | H            | ┝            | -        | -        |              |                                     |              | _          |              |
| -        | 71       | <u> </u>     | <u> </u>     | ⊢        | _        |              | $\vdash$                            |              |            |              |
|          | 72       | $\vdash$     | <u> </u>     | ⊢        |          | $\vdash$     |                                     |              | _          |              |
| -        | 73<br>74 |              | -            | <u> </u> |          |              | -                                   |              |            |              |
| -        | 74       |              | _            | <u> </u> |          | Ш            | <u> </u>                            |              |            | _            |
| $\vdash$ | 75       | _            | _            | <u> </u> |          |              |                                     |              | _          | _            |
| -        | 76<br>77 |              | _            | _        | _        | _            | _                                   |              | _          |              |
| -        | 77       |              | <u> </u>     | <u> </u> |          |              | _                                   | _            | _          |              |
| -        | 78<br>79 |              | _            | <u> </u> |          | _            |                                     |              | _          | _            |
| -        | 79       | _            | <u> </u>     | <u> </u> | _        | <u> </u>     |                                     |              |            |              |
| <u> </u> | 80       | _            | _            |          |          | _            |                                     | _            |            | _            |
| _        | 81<br>82 | Щ.           | <u> </u>     | <u> </u> | <u> </u> | L_           | <u> </u>                            | <u> </u>     |            | Щ            |
| -        | 82       | Щ            | <u> </u>     | <u> </u> | L.       | _            | <u> </u>                            |              | _          |              |
| _        | 83       | L.,          | <u> </u>     | <u> </u> | <u> </u> | _            |                                     | <u> </u>     | Щ          | _            |
|          | 84       | <u> </u>     | <u> </u>     | <u> </u> | ldash    | _            | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u>     | L_         | Ш            |
| <u> </u> | 85       | L            | <u> </u>     | <u> </u> | Щ        | <u> </u>     | Щ.                                  | L            | Щ.         | L            |
| -        | 86       | L.           | <u> </u>     | <u> </u> | L        | <u> </u>     | ļ                                   | <u> </u>     | <u> </u>   | Ш            |
| -        | 87       | L_           | <u> </u>     | <u> </u> | oxdot    | _            | <u> </u>                            | <u> </u>     | Ш          | <u> </u>     |
|          | 88       | $\vdash$     | <u> </u>     | <u> </u> | <u> </u> | <u> </u>     | ļ                                   | <u> </u>     |            | Ш            |
|          | 89       | _            | <u> </u>     | <u> </u> | ldash    | L            | lacksquare                          | L.           | lacksquare |              |
| <u> </u> | 90       | Щ.           | <u> </u>     | <u> </u> | L        |              |                                     | <u> </u>     |            | Ш            |
| <u> </u> | 91       | <u> </u>     | _            | _        |          |              |                                     | L.           |            | L.           |
| _        | 92       | L            | <u> </u>     | <u> </u> | <u> </u> | L_           | <u> </u>                            | <u> </u>     |            |              |
|          | 93       | Ь.           | <u> </u>     | L.       | Ц.       | $oxed{oxed}$ |                                     | <u> </u>     |            | Ш            |
| <u> </u> | 94       |              | <u> </u>     | <u> </u> |          |              |                                     |              |            | L_           |
|          | 95       |              | L            | L_       | L        |              | L.,                                 | <u> </u>     |            | Ш            |
|          | 96       | $\square$    | L            | L_       | Ш        | L_           | L.,                                 | L.           | L.         |              |
| ļ        | 97       | <u> </u>     | L            |          |          |              |                                     |              |            | L.           |
|          | 98       | Щ            | Ш            | <u> </u> | Ш        |              | <u> </u>                            |              |            | Ш            |
|          | 99       |              |              | L        |          |              |                                     |              |            | $oxed{oxed}$ |
|          | 100      |              | Ì            |          |          | lī           | -                                   |              |            |              |

| Cl        | Date                            |   |  |  |              |              |          |          |              |                 |
|-----------|---------------------------------|---|--|--|--------------|--------------|----------|----------|--------------|-----------------|
|           |                                 | _ |  |  |              |              |          |          |              | П               |
| Final     | Original                        |   |  |  |              |              |          |          |              |                 |
|           | 101                             |   |  |  |              |              |          |          |              |                 |
|           | 102                             |   |  |  |              |              |          |          |              |                 |
|           | 103                             |   |  |  |              |              |          |          |              |                 |
|           | 102<br>103<br>104               |   |  |  |              |              |          |          |              |                 |
|           | 105                             |   |  |  |              |              |          |          |              |                 |
|           | 105<br>106                      |   |  |  |              |              |          |          |              |                 |
|           | 107                             |   | L  | <u> </u>   | _            |              |          |          |              |                 |
|           | 108                             |   | <u> </u>   | <u> </u>   | $\vdash$     | _            | _        |          | <u> </u>     | Ш               |
|           | 108<br>109<br>110<br>111<br>112 |   | <u> </u>   | <u> </u>   | <u> </u>     | <u> </u>     |          |          | -            | Н               |
|           | 110                             |   | <u> </u>   |  | H            | -            | ┝        | _        | H            |                 |
|           | 112                             |   |  |  | ├            | <u> </u>     |          |          | ┝            |                 |
|           | 113                             |   | ├─-  | -  | <del> </del> | ├            |          |          | <del> </del> |                 |
|           | 113<br>114<br>115               |   | <del>                                     </del> |  | <del> </del> | -            |          | -        | $\vdash$     | -               |
|           | 115                             |   |  |  | H            |              | $\vdash$ | $\vdash$ | H            |                 |
| <b></b> - | 116                             | _ | $\vdash$   | $\vdash$   |              |              | Г        | Т        | Γ            | $\Box$          |
|           | 116<br>117                      |   |  |  |              |              |          |          |              |                 |
|           | 118                             |   |  |  |              |              |          |          |              |                 |
|           | 119                             |   |  |  |              |              |          |          |              |                 |
|           | 120                             |   |  |  |              |              | L        |          |              |                 |
|           | 121<br>122<br>123               |   |  | L  |              | _            | _        |          |              |                 |
|           | 122                             |   |  | <u> </u>   | _            | <u> </u>     | _        |          | $\vdash$     | _               |
|           | 123                             |   |  | <u> </u>   | _            | <u> </u>     | <u> </u> |          | -            |                 |
|           | 124<br>125<br>126               |   | <u> </u>   | <u> </u>   | _            | _            | _        | _        | -            |                 |
|           | 125                             |   | _  | $\vdash$   |              |              | ⊢        | _        | H            |                 |
|           | 127                             |   | -  | ├  | _            | -            | $\vdash$ |          | <u> </u>     | -               |
|           | 127<br>128<br>129<br>130<br>131 |   |  | <del>                                     </del> |              | <u> </u>     |          |          | $\vdash$     | -               |
|           | 129                             |   | $\vdash$   | $\vdash$   | _            |              |          | _        | $\vdash$     | $\Box$          |
|           | 130                             |   |  |  |              |              |          |          |              | $\vdash \vdash$ |
|           | 131                             |   | Г  | $\Box$   |              | <u> </u>     |          |          |              | П               |
|           | 132<br>133                      |   |  |  |              |              |          |          |              |                 |
|           | 133                             |   |  |  |              |              |          |          |              |                 |
|           | 134                             | _ | _  | <u> </u>   |              | <u> </u>     | <u>_</u> | _        | <u> </u>     | Щ               |
|           | 135                             |   |  | <u> </u>   |              | <u> </u>     | <u> </u> | <u> </u> | <u> </u>     | $\sqcup$        |
|           | 135<br>136<br>137               | - | _  | <u> </u>   | _            | <del> </del> | -        | <u> </u> | $\vdash$     | $\vdash \vdash$ |
|           | 137                             |   | $\vdash$   | $\vdash$   |              | ├─           | $\vdash$ | ⊢        | $\vdash$     | H               |
|           | 139                             |   | $\vdash$   | <del>                                     </del> | H            |              | -        | ⊢        | $\vdash$     | $\vdash$        |
|           | 140                             | _ | <del> </del>                                     | $\vdash$   | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash \vdash$ |
| -         | 141                             | Н | H  | $\vdash$   | _            | Н            | -        | -        | <u> </u>     | $\vdash \vdash$ |
|           | 142                             |   | Г  |  | -            |              |          | Η        | Г            | $\sqcap$        |
|           | 143                             |   |  |  |              |              |          |          |              |                 |
|           | 144                             |   |  |  |              |              |          |          |              |                 |
|           | 145                             |   |  |  |              |              |          |          |              |                 |
|           | 146                             |   |  |  |              | Ш            |          |          |              |                 |
|           | 147                             |   | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$     | _  |              | L.           | _        | <u> </u> | L            | Ш               |
|           | 148                             | _ | L  | <u> </u>   | <u> </u>     | <u> </u>     | ldash    | ļ        | oxdot        | Щ               |
|           | 149                             |   | _  |  |              | _            | <u> </u> | _        | $\vdash$     | $\vdash$        |
|           | 150                             |   | L_   | L  |              | Ц            | <u> </u> | L        | Щ            | Ш               |